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PATEN1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: FAMODU ET AL.

CASE NO.: BB1191 US DIV

SERIAL NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

**EXAMINER: UNKNOWN** 

FOR: PLANT AMINO ACYL-tRNA SYNTHETASE

## PRELIMINARY AMENDMENT

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Before examination on the merits, please amend the above-referenced application as follows:

## **IN THE CLAIMS**

Cancel claims 1-30.

Add the following new claims:

- 31. An isolated polynucleotide comprising:
- (a) a nucleotide sequence encoding a polypeptide having the activity of cysteinyl-tRNA synthetase, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:10, SEQ ID NO:12, or SEQ ID NO:14 have at least 80% identity based on the Clustal alignment method, or
  - (b) the complement of the nucleotide sequence.
- 32. The polynucleotide of claim 31, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:10, SEQ ID NO:12, or SEQ ID NO:14 have at least 85% identity based on the Clustal alignment method.
- 33. The polynucle tide of claim 31, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ/ID NO:10, SEQ ID NO:12, or SEQ ID NO:14 have at least 90% identity based on the Clustal alignment method.
- 34. The polynucleotide of claim 31, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:10, SEQ ID NO:12, or SEQ ID NO:14 have at least 95% identity based on the Clustal alignment method.
- 35. The polynucleotide of claim 31, wherein the nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:9, SEQ ID NO:11, or SEQ ID NO:13.

